

## Abstract of the Disclosure

Disclosed is a half mirror reflector having an LED road sign, which can be used as a reflector in the daytime and as  
5 both a reflector and a road sign in the nighttime. The half mirror reflector comprises: a support plate attached to a support rod; a half mirror fixed to the support plate; an LED road sign mounted on the support plate under the half mirror and having a plurality of LEDs; a PCB substrate mounted on the  
10 support plate under the half mirror to control the operation of the LED road sign; and a solar battery module provided at the upper part of the support rod to generate a voltage for operating the LED road sign and supply the voltage to the PCB substrate.

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